

Figure 7: Cardiac Allograft rejection diagnostic genes.

A.

Sample	Grade	Marker Gene Expression Ratios				85
		3020	3019	2760	3018	
12-0025-02	0	3.90	3.69	5.49	3.24	3.34
12-0024-04	0	3.66	4.05	5.89	3.75	3.03
15-0024-01	0	3.55	4.01	5.61	2.90	3.23
12-0029-03	0	3.44	3.12	4.25	3.55	3.07
12-0024-03	0	2.88	2.54	2.56	2.20	2.38
14-0021-05	0	1.31	1.03	1.07	0.91	0.99
14-0005-06	3A	0.42	0.27	0.51	0.22	0.26
14-0012-07	3A	0.60	0.62	0.70	0.42	0.61
14-0001-06	3A	0.93	0.71	0.58	0.37	0.44
14-0009-01	3A	0.71	0.63	0.68	0.61	0.66
12-0012-02	3A	0.86	0.85	0.73	0.41	0.72
12-0001-01	3A	1.08	0.97	1.01	0.40	1.06
Average Grade 0:		3.13	3.07	4.14	2.76	2.67
Average Grade 3A:		0.77	0.68	0.70	0.40	0.62
Fold Difference:		4.08	4.55	5.91	6.82	4.28

B. CART classification model.

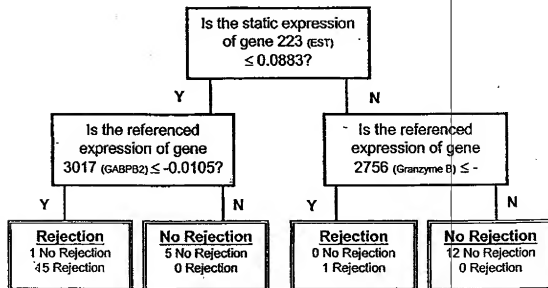
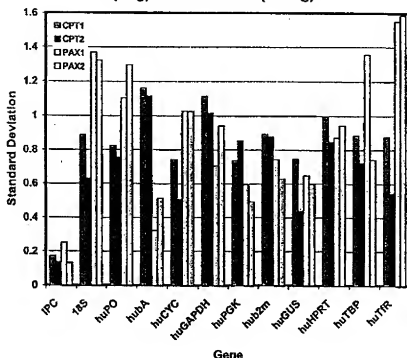


Figure 7: C. Surrogates for the CART classification model.

Primary Splitter	static 223	ref 3017	ref 4
Surrogate 1	ref 167	ref 102	ref 2761
Surrogate 2	ref 3016	static 36	ref 2762
Surrogate 3	ref 1760	ref 2764	ref 3016
Surrogate 4	ref 85	ref 2759	ref 2757
Surrogate 5	ref 2763	ref 2761	ref 2758

Figure 11

A. Variation of Control Genes from PAX RNA (2ug) and CPT RNA (0.5 ug)



B. Intensity of Control Genes from PAX RNA (2ug) and CPT RNA (0.5 ug)

